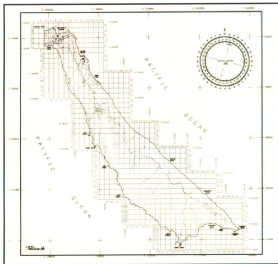


***“Welcome Aboard”***  
***-San Clemente Island Range Complex-***  
***Information Booklet***



*September 2000*

- WELCOME ABOARD -  
SAN CLEMENTE ISLAND RANGE COMPLEX

INFORMATION BOOKLET

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# **WELCOME ABOARD SAN CLEMENTE ISLAND**

## **1. General**

San Clemente Island (SCI) is the southernmost of the eight California Channel Islands. It lies 55 nautical miles (NM) south of Long Beach and 68 NM west of San Diego. The island is approximately 21 NM long and is 4-1/2 NM across at its widest point. Since 1934, the island has been owned and operated by various naval commands. More than a dozen range and operational areas are clustered within a 60-mile radius of the island.

The San Clemente Island Range Complex (SCIRC) is the cornerstone of the tactical training ranges supporting the Southern California Operations Area (SOCAL). SOCAL supports the largest concentration of naval forces in the world. The SCI land, air, and sea ranges provide the U.S. Navy, U.S. Marine Corps, and other military services space and facilities which they use to conduct readiness training and test and evaluation activities. SCI's distance from the mainland and its complete Navy ownership make the island and its surrounding area ideal for fleet training, weapon and electronics system testing, and research and development activities.

There have been a number of documents prepared that describe the early human history of San Clemente Island, dating back thousands of years. Maritime-adapted Indian cultures occupied the island for most of that time, until their removal by California Spanish colonists. The 19<sup>th</sup> and early 20<sup>th</sup> centuries brought periods of sea otter and seal hunting, whaling, sheep ranching, smuggling, and the Chinese abalone industry.

## **2. Who Does What Here Now?**

### **Major Claimant/Resource Manager**

The Commander-in-Chief, Naval Forces Pacific (CINCPACFLT) is the major claimant responsible for San Clemente Island operations, maintenance, training, and support.

The Commander, Naval Base, Coronado, provides local command of SCI, and the Commander, Naval Region, Southwest, provides resources, including facilities and natural resource management.

### **Primary Host Command**

The Naval Auxiliary Landing Field, San Clemente Island (NALF, SCI) is the host activity and is responsible for all of the facilities and infrastructure. They are also responsible for the day-to-day operations and activities on the island.

NALF provides fleet aviation training and support for take-off, landing, touch and go, ground control approach (GCA), carrier controlled landing practice and field carrier landing practice evolutions for fixed wing, turbo prop, jet and rotary wing aircraft. NALF also serves as a primary/secondary and emergency divert field. The airfield provides logistic support for military/government projects, fleet operations for ship and squadron units and provides support for contract air carriers, and is C5 aircraft capable. The contract air carriers provide transportation service to and from NAS, North Island for all the island military and civilian/contractor support personnel.

The NALF has a single 9300' x 200' concrete runway, oriented 050-230 degrees, with emergency arresting gear, an optical landing system, and a simulated carrier deck lighting system. The parallel taxiway, south of the main runway, is 9300' x 75', and leads to the main 700'

### Tenants

Besides the host activity NALF, there are three different island user groups. They are the tenants, periodic, and intermittent users. Tenants are those activities that maintain a permanent presence on the island. They occupy permanent facilities and/or operational areas. Periodic users conduct operations on and around the island on a frequent basis, but do not have permanent structures assigned. They bring their own support equipment and materials to sustain them during their exercises. Intermittent users are those activities that come to the island on an infrequent basis. They do not have permanent structures assigned to them.

### **Southern California Offshore Range (SCORE).**

SCORE exercises Operational Control (OPCON) of all training exercises on island, and around the several OP areas assigned to the SCI Range Complex. The only OPCON exceptions are flight operations at NALF, and Basic Underwater Demolition School (BUDS) training within the SPECWAR compound north of the airfield.

FACSFAC's Range Division coordinates and schedules the assignment and usage of the SCORE ranges by air, surface and subsurface units through the Range Operations Center (ROC) at North Island. SCORE has five (5) main components: the Southern California Anti-Submarine Warfare Range (SOAR); the Range Electronics Warfare Simulator (REWS); the Shore Bombardment Area (SHOBA), the Kingfisher mine detection range, and in the near future, the Tanner/Cortez banks area Shallow Water Range. Figure 1 depicts the location of the SCIRC range sites.

Located west of San Clemente Island, the SOAR Range is a 676 sq. nm instrumented 3-dimensional underwater range with over-the-horizon surface and air tracking capability. This range provides air, surface, and subsurface training for USW crews, and evaluation of the performance of USW platforms and equipments.

REWS is an area where ship, submarine, and aircraft can practice Electronic Support Measures (ESM), Electronic Counter Counter Measures (ECCM) tactics and techniques. Command Control Warfare (C2W) services are currently provided from five sites on SCL. These are the Range Electronic Warfare Simulator (REWS) site, the Threat Avoidance Subsystems (TAS) and mobile emitters at Little Rock, Tombstone and VC3, and the Outboard Stimulator (OBS) at SOARFAC.

SHOBA is an area on the southern part of the island where surface ships train in Naval Gun Fire Support (NGFS), artillery units fire live ammunition, and aircraft deliver practice, inert, and live weapons. Special forces also carry out small arms training in conjunction with recon training.

A fourth area for training is a new tethered underwater mine avoidance range called KINGFISHER, to recognize the primary mine detection equipment it will exercise

A fifth area, the Shallow Water Range, is being developed in the Tanner/Cortez banks area and will also be managed by FACSFAC.

SCORE provides logistic support for Surface-to Air, Air-to-Air, and Air-to-Ground missile exercises.

SCORE also launches and controls surface and air targets from the island. Figure 1 depicts the location of all the on-island range sites.

### **Fleet Area Control and Surveillance Facility (FACSFAC).**

FACSFAC provides radar surveillance of the Southern California offshore operating areas to minimize mutual interference and enhance the safety of air, surface, and subsurface units. Radar equipment is used to provide a radar and IFF picture of aircraft operating within 200 miles of San Clemente Island via microwave system to FACSFAC operators at North Island. FACSFAC radio transmitters and receivers provide radio circuits between FACSFAC operators and ships and aircraft within the operating area. Transmitters are located at Mt. Thirst and receivers at Mt. Vista on SCL. FACSFAC provides communications services for Fleet Combat Training Center (FCTCPAC) and the U. S. Coast Guard. FACSFAC provides air navigation services for aircraft with a TACAN located on Mt. Vista. FACSFAC is the executive agent and single point of contact for operation and maintenance of the Southern California Offshore Range (SCORE).

### **Naval Special Warfare Center (NAVSPECWARCEN).**

The NAVSPECWARCEN operates the Basic Underwater Demolition/Seal (BUD/S) training facility at the north end of SCL. This training activity provides a remote area for conducting individual basic and advanced special warfare training, including demolitions, land warfare, and small-arms training for the SEALs, other U.S. Armed Forces, and allied military personnel.

### **Naval Special Warfare Group One (NAVSPECWARGRU ONE).**

This command provides administrative, logistic, and maintenance support, and unconventional warfare planning assistance to the Commander, Naval Surface Forces, Pacific (COMNAVSURFPAC), the Commander-in-Chief Pacific Fleet (CINCPACFLT) and various fleet commanders. The Maritime Operations (MAROPS) training facility adjacent to the BUD/S area at Northwest Cove, provides advanced continuation training for SEAL Teams 1, 3, 5, Seal Delivery Vehicle Team 1, Special Boat Squadron 1 and Special Boat Units 12 and 13. Team training operations are conducted in twenty target and range (TAR) areas in and around the island. Advanced training for other service special forces groups is also provided in the MAROPS training complex.

### **Space and Naval Warfare Systems Center (SPAWAR).**

SPAWAR is the principle Navy research, development, test and evaluation center for command, control and ocean surveillance systems. SPAWAR conducts numerous test and evaluation programs for missiles, torpedoes, manned and unmanned submersibles, unmanned aerial vehicles, and other Navy weapons systems. San Clemente Island also serves as a remote training and test location for mammal research programs conducted by SPAWAR.

### **Naval Undersea Warfare Center (NUWC).**

NUWC, in its role as the Naval Sea Systems Command (NAVSEA) Pacific Fleet ASW test agent, operates and maintains the San Clemente Island Underwater Range (SCIUR). NUWC provides tests conduction, analysis and evaluation of undersea ASW exercises and test programs. NUWC provides engineering and technical support for undersea warfare programs, and exercises design cognizance of underwater weapons acoustic and tracking ranges and associated range equipments. It also provides proof testing and evaluation for underwater weapons, weapons systems and components.

### **Public Works Center (PWC).**

The Public Works Center on the island is a detachment of the 32nd St. Naval Station Public Works Center in San Diego. PWC is responsible for the operation and maintenance all the island utilities, which include water treatment, storage and distribution, sewage treatment, and power and steam generation. It also manages and maintains the PWC Transportation Center. PWC provides delivery of potable water and diesel fuel to outlying range sites not connected to the island water or power utilities systems. When contracted by the Staff Civil Engineer at North Island, PWC provides facilities maintenance and road grading services.

### **Morale, Welfare and Recreation (MWR).**

MWR operates a small retail convenience Ships Store that is available to all on-island personnel. MWR also provides a number of recreational activities (i.e., bowling alley, tennis court, indoor handball court, computer workroom, etc).

### **Naval Medical Clinic (NAVMEDCLINIC).**

This unit provides general outpatient services for military personnel. Subject to availability of space, facilities, and capabilities, it also provides general clinic services to other authorized persons as prescribed by Title 10, U.S. Code, and other directives. Serious medical emergencies for all personnel are accommodated by medical air evacuation to medical facilities on the mainland. At this time, there are no doctors or advanced medical services available.

### **Natural Resources Office (NRO).**

The NRO Department has the responsibility for San Clemente Island land use, and natural/cultural resources management. They manage the program to return the ecosystem to its natural condition as it would be if it had not been disturbed, and administer several endangered species preservation and/or restoration programs. In addition, NRO sponsors a number of academic field studies utilizing university students to conduct wildlife and botanical surveys, and the mitigation of numerous archaeological sites. Island NRO personnel perform proposed new site inspections and exercise approval/disapproval authority regarding impacts on natural and cultural resources in the area.

### **Frequent Users**

COMNAVSURFPAC ships and COMSUBPAC submarines use the islands several ranges on a continuous basis.

### **Sea-Based Weapons and Advanced Tactics School, Pacific (SWATSCOLPAC).**

SWATS provides advanced tactical training for VS, HS, and HSL squadrons in the areas of Under Sea Warfare (USW), Surface Warfare (SUW), Electronic Warfare (EW), and other major aspects of VS/HS/HSL missions. SWATS provides carrier battle group weapons and air tactics training at multiple levels while developing and evaluating tactics in the fields of USW, SUW, and EW.

### **1st Marine Expeditionary Force (IMEF).**

The 1st Marine Division, a part of IMEF, presents the largest footprint on the island of any of the various non-tenant users. The 1st Marines, 5th Marines, 7th Marines, and the 3rd

Assault Amphibian Battalion conduct company raids, small unit tactical training, limited live fire and reconnaissance training, and amphibious raid training on an almost bi-monthly basis. Large-scale exercises including all four units are conducted three to four times a year. The majority of these exercises are located at West Cove and the Old Airfield area. Artillery units are also brought aboard the island to fire from the REWS road and the southern artillery pad into SHOBA. Naval Gun Fire Support (NGFS) training takes place all year around in the SHOBA area.

### **Expeditionary Warfare Training Group-Pacific (EWTGPAC).**

The Shore Bombardment Area (SHOBA) is the only live firing range in the Eastern Pacific where Naval Gunfire can be exercised, and be incorporated into coordinated supporting arms exercises. EWTGPAC provides training support activities for a variety of exercises including: Naval Gunfire, Naval Gunfire Spotter training, Coordinated Arms exercises, Artillery/Mortar exercises, Close Air Support with troops on the ground, Laser Bombing (ground and air), Special Warfare/Special Boat exercises, and Explosive Ordnance Disposal exercises.

EWTGPAC personnel also train and provide SHOBA Safety Officers for these exercises. They promulgate Standard Operating Procedures and provide range safety briefs. They also have the responsibility for a number of administrative functions including submission of schedules for EWTGPAC supervised SHOBA events, retain custody of all SHOBA ordnance, maintain and submit records of all EWTGPAC supervised events, report material discrepancies, and provide subject matter experts on range operations, safety, and supporting arms training.

### **Fleet Naval Air, Surface, and Sub-Surface Operations.**

The absence of distracting lighting and skyline make the landing field ideal for touch-and-go night carrier landing practice (CCAs). Carrier-based squadrons refresh flight crews, and Fleet Readiness squadrons can do initial pilot flight qualifications at NALF, San Clemente Island. These air operations are conducted by numerous air activities with the dominant users coming from NAS Miramar and NAS North Island. Hot fueling pit availability, without the need to return to their home base for refueling, maximizes the use of aircrew's flight hours at the island.

Surface forces find the close proximity to San Diego ideal for conducting naval gunfire exercises, and USW and EW training. Joint fleet exercises can be conducted literally in their own backyard, minimizing steaming hours and maximizing limited operating funds.

The submarine forces can conduct training on the USW range, and in other areas, out of the way of commercial shipping lanes. Weapons training can be exercised where surface support units can retrieve recoverables expeditiously and economically.

### **Intermittent Users**

A number of intermittent but not regular users who conduct operations and perform self-help projects on the island are as follows:

- Immigration and Naturalization Service (INS)
- Explosive Ordnance Demolition Mobile Unit 3 (EODMU3)
- U. S. Army 864th Engineers (The Presidio)
- U. S. Army 14th Combat Engineering Battalion (Fort Ord)
- U. S. Army 555th Engineers (Fort Lewis)
- 409th Construction Battalion Unit (Long Beach)



U. S. Marines 7th Engineers (Camp Pendleton)  
Naval Coastal Systems Center (LCAC Operations)  
California, Nevada, and Arizona Air National Guard Units  
Mobile Diving Salvage Units (MDSU)  
Naval Construction Battalion Units (NCBU)  
U. S. Air Force Units  
U. S. Army Rangers and Special Forces  
Marine Air Wings  
University Research Programs  
Boy Scouts of America  
State and Federal Resource Agencies

### **3. ON-ISLAND POLICIES & REGULATIONS**

#### **Security**

The Security Department is tasked with enforcing all island policies, the California Security is manned 24 hours a day, seven days a week. (See Telephone Directory for emergency & routine phone numbers)

**Evening movement** Curfew is set at 2200 hours on weekdays, and 2300 on weekends. Before leaving a building in an unlighted area after sunset, (i.e., down-island sites or other areas not in Wilson Cove, security must be called and a report given as to where the personnel are, and where they are going. When the personnel arrive at their destination, a call must then be made to inform Security of the completed transit and arrival. This regulation is strictly enforced to insure the safety of personnel outdoors at night.

**Vehicle Code** Seat belts must be worn at all times when in a running or moving vehicle. Drivers must carry a valid drivers license, and obey all traffic signs. **Driving under the influence of any alcoholic beverage, or any drugs, is strictly prohibited.**

**Road Conditions** **WARNING:** Island road conditions range from good to near non-existent. Paved roads are generally limited to the area north of the abandoned airfield (VC-3 area). Tracked vehicles are limited to established LVT trails, paralleling San Clemente Island Ridge Road. Be aware that road shoulders may be non-existent. Deep ruts are in the immediate vicinity of the road shoulder in some areas. Vehicles that run off the road and into these ruts, may incur severe damage. All dirt roads are off limits at night, and during seasonal heavy rains.

**Off-Limit Roads** All unpaved roads are off-limits, with the following exceptions: on official business, vehicle is 4-wheel drive capable, and personnel are equipped with a radio that can transmit and receive on the "Goat herder" channel.

**Off-Limits Areas** The following areas of the island are off-limits to all unauthorized personnel:

- a. The area and trailers/buildings just south of the fuel pier.
- b. The Fuel Farm and Fuel Pier may not be approached closer than 200 meters by sea, except by authorized vessels. Diving, swimming, or fishing are not authorized in this area.

- c. The West Shore from the sand dunes south to Seal Cove, to include Eel Point, Lost Point, and the Seal Rookery. All digging or unearthing activity is prohibited in this area except by written consent of the Officer-in-Charge.
- d. The Sand Dunes, an area of shifting sands on the northwestern shore of the island, are off-limits to all personnel at all times, except by written consent of the Officer-in-Charge.
- e. The building, trailers, and area at Mt. Thirst.
- f. The Shore Bombardment Area (SHOBA) is restricted to all personnel when "hot". Permission from SCORE and Security is required to enter when SHOBA is "cold".
- g. Magazine Area: This area is approximately ½ mile southwest of the VC-3 area. All camping, pyrotechnics, fires, and ordnance usage are prohibited within 100 feet of the perimeter fence. Permission to pass through this area must be obtained from Island Security.
- h. BUDS Camp and MAROPS is off-limits to all personnel at all times, except at the invitation of BUDS or MAROPS personnel, or if permission has been obtained from Island Security.

#### **4. WHERE AND WHAT PERSONNEL SUPPORT FACILITIES ARE AVAILABLE?**

##### **Wilson Cove Complex**

All personnel support facilities are located in the Wilson Cove areas, with the SPECWAR compound at the north end of the island being the one exception. The Wilson Cove complex is divided into three areas: (1) the waterfront area; (2) the lower level; and (3) the upper level. Figure 2 depicts the full Wilson Cove complex.

##### **WATERFRONT AREA**

The waterfront area of Wilson Cove shown in Figure 3, is primarily devoted to logistics and utilities support functions.

**Barge** All supplies, freight, and potable water are brought to the island by barge from 32<sup>nd</sup> St. in San Diego. The barge loads out in San Diego on Tuesday morning (0730-1100) of each week, holidays excepted, departing in the afternoon, and arriving at the island early Wednesday morning. After offloading the incoming supplies and material, it is loaded with outgoing items and departs the island on Wednesday at noon, and arriving in San Diego on Thursday morning.

The barge moors just west of the Wilson Cove pier at the end of Wilson Cove Rd. To coordinate barge shipment, contact the on-island Supply Department (See Phone Directory). For shipments from San Diego, contact the Naval Station, 32<sup>nd</sup> St., Barge Office at 1-(619) 556-1573, or Supply on island. Provide the following information for your shipment:

1. Type of Material
2. Number of pieces
3. Total weight
4. Total square feet
5. Point of contact, activity, and phone number.
6. A DD form 1348-1 or DD form 1149, or Requisition and Invoice/Shipping document.

**Gas Station** The gas station provides both gasoline and diesel fuel. The normal operating

hours are: Tuesday-Friday 0700-0800; Tuesday-Thursday 1100-1200; and Friday 1000-1100. Fuel is paid for by either check (contractors) or funds transfer (purchase account).

### **LOWER LEVEL**

The lower level of Wilson Cove, together with the waterfront area, is comprised of the older buildings on the island. These building were constructed during the period 1935-1950.

Support functions include NALF administration, communications, medical clinic, fire department, MWR ships store, club, and PWC transportation and maintenance. Some berthing is also located at this level of Wilson Cove. Figure 4 depicts the locations of support facilities.

**Ships Store** The MWR Ships Store (NEX) contains a variety of clothing, food items, sundries, drinks, fishing gear, and souvenir items. Alcohol can be purchased, but only one six pack of beer or wine coolers every two days, or one bottle of wine every week. Hard liquor is not sold in the Ships Store. However, hard liquor is, sold by the drink, next door in the "Salty Crab Club".

Ships Store hours of operation: Monday, Tuesday, and Thursday 1000-1800; Wednesday 1100-1800, and Friday 0930-1330. The Ships Store is open most weekends.

Check cashing is available. Personal checks may be cashed for a maximum of \$50.00 over the amount of purchase. The additional information required on your personal check is work phone number and social security number. Money orders are also available for \$0.75.

**The Salty Crab Club** The club is open seven days a week from 1600-2300. Assorted beers and mixed drinks are served from 1800-2100 each evening, and 1800-2300 on Thursday. All alcoholic beverages must be consumed by 2130 or 2230 respectfully. If not consumed, they must be thrown out. Alcoholic beverages **cannot** be removed from the club.

Food can be purchased at the club Monday through Thursday from 1600-2100. Available items are of the fast food type (i.e., sandwiches, pizza, fries, etc).

With NALF Operations Officer authorization, the club can be made available to training groups. All large training groups must limit club occupancy to 25 personnel at one time. Training groups must also provide one non-drinking NCO or officer to reduce the possibility of improper incidents. Also, all training groups must provide a designated non-drinking driver when the club is used. **Driving under the influence of any alcoholic beverage is strictly prohibited.**

**Recreational Activities** A number of recreational activities are located in this area of Wilson Cove. The following activities are located in the MWR complex of Bldg. 60127: bowling, TV lounge, weight/exercise room, video arcade, and basketball court.

A tennis court, handball court (indoor) is also available. The Billy Mills softball field for group play, and a golf driving range are located at the upper level of Wilson Cove.

**Barber Shop** The Barber Shop is located in the basement under the Administration building (Bldg. 60102). There is no charge for haircuts for island residents. Appointments are strongly recommended. They can be made by calling 524-9202. The hours of operation are: Monday-Wednesday: 1100-1600, Thursday: 1100-1400

**Public Works** Public Works Center customer related functions are located at this level of Wilson Cove. In order to have any of the following services or rentals provided, you must first

contact PWC 32<sup>nd</sup> St. Naval Station in San Diego @ (619) 556-2234, or make arrangements through your sponsor.

Upon receipt of a Job Order number, the following services are available: vehicle and heavy equipment rentals, telephone installations, facility and utilities repair, and Porta-Potty rental. All services must be coordinated with PWC Administration @ 524-9123.

Vehicle rentals can be procured by calling . . . . . 524-9160  
Utilities repair . . . . . 524-9224  
Telecommunications . . . . . 524-6208  
Porta-Potty . . . . . 524-9173

### **UPPER LEVEL**

The main personnel support for messing and billeting are located on the upper level of the Wilson Cove complex. Figure 5 depicts the location of these facilities.

**General Messing Facility** The Mess Hall is cafeteria-style, with several entrees available at noon and evening meals. Cooked-to-order eggs are available for breakfast. The mess is contractor managed and operated.

| <b><u>Hours of Operation</u></b>      |                      |                                     |
|---------------------------------------|----------------------|-------------------------------------|
| <b><u>Monday through Thursday</u></b> | <b><u>Friday</u></b> | <b><u>Saturday &amp; Sunday</u></b> |
| Breakfast: 0600-0715                  | Breakfast: 0600-0715 | Brunch: 0800-1130                   |
| Lunch: 1030-1230                      | Lunch: 1100-1230     | Dinner: 1600-1700                   |
| Dinner: 1630-1800                     | Dinner: 1600-1700    |                                     |

The costs of meals are: Breakfast: \$1.40/\$1.60, Lunch and Dinner: \$2.80/\$3.25

Hot plates can be picked up 30 minutes prior to galley operation, or 15 minutes prior to closure of the mess line. The galley manager must be contacted, and arrangements made, for hot plate orders of more than 5. Sack lunches are available, although discouraged, with 48-hour advanced notice. The cost will be \$2.45 each. Payment must be made for all sack lunches ordered, with no exceptions.

Deployed military units bivouacked with field kitchens may make arrangements to obtain meals from the galley, or obtain food supplies for cooking. These arrangements must be made through the Administrative Officer prior to deployment to the island. If meals are obtained from the galley, the deployed unit must assign personnel to the galley to assist in the logistics and clean-up function.

**Transient Billeting** Transient billeting on the island is available on a very limited basis. It is recommended that reservations be made, and confirmed, well in advance of arrival. Reservations can be made by calling 524-9202/9203. You will need to supply some or all of the following information, depending upon who your sponsor is on the island:

1. Job Order Number
2. Point of Contact
3. Phone Number
4. Sponsor

Billeting hours of operation are: Monday-Friday 0700-1600. On Fridays and weekends, there may not be any personnel manning the office. However, the duty Billeting personnel can be

contacted through security. The Security number is: 524-9214/9352.

It is required that all personnel check in and out at the Billeting Office in the Common building (Bldg. 61008), or with the duty Billeting personnel, prior to departing the island. **Keys are not to be left in the room.**

Bedding is provided in all transient rooms. However, transient personnel are to provide their own towels.

Do-it-yourself laundry facilities are available in the three-story transient billeting facility (Bldg. 60196), and in the Commons building. Personnel using these facilities must provide their own laundry soap products. These products can be purchased at the Ships Store.

## **5. Weather**

The island climate is distinctly maritime, featuring cool summers and mild winter. Except for fog and overcast conditions and some cooler year-round temperature, the weather is similar to that of the southern California coastal area. One of the outstanding features of the climate is the narrow temperature range, with the mean winter temperature just 10% lower than the mean summer temperature. High humidity is experienced throughout the year with an annual average of 78%. Atop the higher elevations of the island, gale force winds are common in the winter, but infrequent at lower elevations. Average wind speeds year-round are under ten knots, predominantly from the northwest. Annual precipitation averages five to eight inches, with the majority falling between November and April. Stable air in the spring and summer bring the cloudiest periods. The seas around the island are generally calm, with rough water conditions occurring on 11% of the time.

It is recommended that personnel layer their clothing, as temperatures vary widely during the day at different locations. A light-weight jacket can be very handy at times.

## **6. Deployed Training Units**

There are a number of military training units that deploy to the island each year. These units are from most branches of the military, and deploy for tactical training or in support of island "self-help" construction projects.

**Bivouac Areas** In-field areas for unit bivouacking are numerous. The largest, and most convenient to Wilson Cove, is the VC-3 site near mid-island. It can accommodate up to 400 personnel. This area also has one building (60307), that can be used to house personnel and/or equipment.

A laundry and shower facility is available, for use by bivouacked personnel, in Bldg. 60190 at the upper level of Wilson Cove, next to the 3-story transient billeting facility. This building is normally open 24-hours a day.

**Communications** Training units may send daily operational reports to their respective commands. The island has the capability to send and receive message traffic for deployed units. Units must shift communications guard to the island prior to arrival. Clearance lists must be provided for all personnel who visit the Communication building (Bldg. 60101) to transmit and receive message traffic, regardless of the classification level. This clearance list must arrive prior to the unit arrival at the island.

The communications facility is **not** normally manned 24 hours a day. If there is need to transmit/receive message traffic after hours (after 1600 or before 0700), or on

weekends/holidays, arrangements are to be made with the Communications Division at 524-9122.

Autovon phones for off-island calls are limited, especially after normal working hours. Units with cellular phones may have limited success from higher elevations on the East Side of the island. Units with satellite phones are encouraged to bring and use them.

Six (6) public phones are available and may be used with coins or by entering a valid telephone credit card number. They can also be used for collect calls.

**Radio Frequencies** Radios, of any kind, may be used on-island. However, the San Clemente Island G.E.M.D department must approve all frequencies. The primary contact may be reached at 524-9234. Island Operations monitors Marine Band 16.

The "Goat herder" frequency is 140.275MHz, Channel 1, and is monitored by security. This radio communications net is used by various tenant activities when in the field.

**Ordnance** All live fire exercises are restricted to the BUDS Camp ranges and SHOBA, with the exception of the NSW Training Areas and Ranges (TARS). Pyrotechnics and all other explosives may not be used, detonated, or ignited on-island outside of authorized containment areas.

All explosives and ordnance transported to the island by marine transportation must be off-loaded under the supervision of a certified safety observer provided by the visiting unit. NALF, SCI does not have a certified safety observer available to assist units.

Any explosives or ordnance must be off-loaded after sunrise and before sunset. This policy preserves the safety of the LCU crew and NALF, SCI pier personnel as well. **This policy is strictly enforced.**

**Applicable Charts** The following charts are the current geographical references for the island:

1. Sheet 2349 IV Series, V795 Edition I-DMA, San Clemente Island, Stock No. V95X23494.
2. San Clemente Island Combat Chart 800669, Stock No. COMBAT800669. Both of these charts are 1:500,000 scale. A 1:23,000 scale chart is also available. The Charts are divided into a northern and southern section. Northern section is 802260, DMA Stock No. CMBT802260, The Southern section is 800113, DMA Stock No. CMBT800113.

Reference:

1. San Clemente Island – A Chronological Military History (1934-2000), W. J. Sturgeon